


RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
REPORT OF PROPERTY AND WELL TRANSFER

Field or county Wilmington		District - Cypress (D1)	
Former owner Four Teams Oil Production & Exploration Company, Inc.		Opcode: F1535	Date August 12, 2010
<p>SEE ATTACHMENT</p>			
Description of the land upon which the well(s) is (are) located			
See Attachment			
Date of transfer, sale, assignment, conveyance, or exchange 8/1/2010	New Owner E & B Natural Resources Management Corp.	Operator code E0100	Type of Organization Corporation
	Address 1600 Norris Road Bakersfield, CA 93308		Telephone No. (661) 679-1700
Reported by OG30A received 8/11/2010 signed by both parties			
Confirmed by. Same as above			
New operator new status (status abbreviation) PA	Request Designation of Agent Jeffrey Blesener		
Old operator new status (status abbreviation) PA	Remarks See Operator File		
		Deputy Supervisor Kenneth Carlson	Signature  Chris McCullough, Associate Engineer

OPERATOR STATUS ABBREVIATIONS

PA - Producing Active	FORM AND RECORD CHECK LIST					
NPA - No Potential Active	Form or record	Initials	Date	Form or record	Initials	Date
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records			Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat		

OGD156 (Modified 1/00)

E & B Natural Resources Mgmt. Corp.

WELL TRANSFER NOTICE

On 12-21-98

XL OPERATING COMPANY

transferred

all wells in the Wilmington field

(See OGD156 dated December 21, 1998 for complete list)

to

FOUR TEAMS OIL PROD. & EXPL., INC.

WELL TRANSFER NOTICE

Effec February 7, 1997

XTRA ENERGY CORPORATION
TRANSFERRED

all wells Wilmington

(See Operator File for Complete List)

TO

XL OPERATING COMPANY

SEE OGD156 DATED 02-7-97

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Long Beach, California

October 17, 1983

John D. Carmichael, Agent

XTRA ENERGY CORPORATION

2501 Cherry Avenue, Suite 270

Signal Hill, CA 90806

Your request, dated September 15, 1983, proposing to change the designation of
see
well(s) in Sec. below, T. 4S, R. 13W, S. B. & M., Wilmington field,
Los Angeles County, District No. 1, has been received.

The proposed change in designation, in accordance with Section 3203, Public Resources Code, is authorized
as follows: Sec. 19-4S-13W

OLD	NEW	DESIGN.	API	037-
8	"WNF-I"	8	22620	
10	"WNF-I"	10	22611	
18	"WNF-I"	18	22853	
19	"WNF-I"	19	22846	
20	"WNF-I"	20	22652	
23	"WNF-I"	23	22672	
26	"WNF-I"	26	22666-01	
27	"WNF-I"	27	22673	
28	"WNF-I"	28	22674	
29	"WNF-I"	29	22648	
43	"WNF-I"	43	22682	
Sec. 20-4S-13W				
42	"WNF-I"	42	22689	
44	"WNF-I"	44	22820	

OLD	NEW	API	037-
"American Can" 1	"WNF-I" 12	21433	
" 2	"WNF-I" 15	21644	
" 3	"WNF-I" 3	21768	
"Dasco Unit" 1	"WNF-I" 1	21671	
I-14	"WNF-I" 11	22603	
"Purex Unit" 1	"WNF-I" 9	21669	
" 2	"WNF-I" 5	21753	
" 3	"WNF-I" 4	21754	
"Sanitation Unit" 1	"WNF-I" 21	21445	
Sec. 20-4S-13W			
31 "WNF-I" 31	22767	36 "WNF-I" 36	22769
33 "WNF-I" 33	22768	37 "WNF-I" 37	22796
34 "WNF-I" 34	22787	38 "WNF-I" 38	22752
35 "WNF-I" 35	22795	39 "WNF-I" 39	22754

EDP
Update

Conservation Committee

Long Beach Dept. of Oil Properties

OGD 157 (3-79-DWRR-1M)

M. G. MEFFERD, State Oil and Gas Supervisor

By

Richard C. [Signature]
FOR V. F. GAEDE, Deputy Supervisor

Sec. 20-4S-13W

OLD	NEW	API 037-
"Shell Unit" 1	"WNF-I" 32	21729
"Shell Unit" 2	"WNF-I" 40	21769

Sec. 29-4S-13W

"Lomita Unit" 1	"WNF-I" 67	22487
49	"WNF-I" 49	22886
50	"WNF-I" 50	22884
51	"WNF-I" 51	22885
53	"WNF-I" 53	22874
54	"WNF-I" 54	22871
56	"WNF-I" 56	22865
57	"WNF-I" 57	22815

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF PROPERTY AND WELL TRANSFER

Field or county Wilmington		District 1
Former owner Argo Petroleum Corp.		Date September 30, 1981
Name and location of well(s) <div style="display: flex; justify-content: space-between;"> <div> <u>Sec. 19-4S-13W</u> "American Can" 1 (037-21433) "American Can" 2 (037-21664) "American Can" 3 (037-21768) "Dasco Unit" 1 (037-21671) "Purex Unit" 1 (037-21669) </div> <div> <u>Sec. 19-4S-13W</u> "Purex Unit" 2 (037-21753) "Purex Unit" 3 (037-21754) "Sanitation Unit" (037-21445) "Shell Unit" 1 (037-21729) "Shell Unit" 2 (037-21769) </div> </div>		
Description of the land upon which the well(s) is (are) located		
Date of transfer, sale, assignment, conveyance, or exchange 8-12-81	New owner Xtra Energy Corporation	Type of organization
	Address 717 Walton Street Signal Hill, CA 90806	Corporation Telephone No. 213/424-8549
Reported by Letter from Argo Petroleum Corp. dated August 13, 1981.		
Confirmed by OGD30 dated September 25, 1981.		
New operator new status (status abbreviation) PA	Request designation of agent John D. Carmichael 717 Walton St., Signal Hill, CA 90806	
Old operator new status (status abbreviation) PA	Remarks	

OPERATOR STATUS ABBREVIATIONS PA - Producing Active NPA - No Potential, Active PI - Potential Inactive NPI - No Potential, Inactive Ab - Abandoned or No More Wells	Deputy Supervisor R. A. YBARRA	Signature <i>Richard W. Steller</i>																																																					
	FORM AND RECORD CHECK LIST <table border="1"> <thead> <tr> <th>Form or record</th> <th>Initials</th> <th>Date</th> <th>Form or record</th> <th>Initials</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Form OGD121</td> <td>CP</td> <td>10-5-81</td> <td>Map and book</td> <td>WEB</td> <td>1/26/82</td> </tr> <tr> <td>Form ODG148</td> <td>CP</td> <td>10-5-81</td> <td>Notice to be cancelled</td> <td></td> <td></td> </tr> <tr> <td>New well cards</td> <td>CP</td> <td>10-5-81</td> <td>Bond status</td> <td></td> <td></td> </tr> <tr> <td>Well records</td> <td>CP</td> <td>10-5-81</td> <td>EDP files</td> <td></td> <td></td> </tr> <tr> <td>Electric logs</td> <td>CP</td> <td>10-6-81</td> <td>Update Center</td> <td></td> <td></td> </tr> <tr> <td>Production reports</td> <td></td> <td></td> <td>Conservation Committee</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>Dept. of Oil Properties</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>L. A. County Assessor</td> <td></td> <td></td> </tr> </tbody> </table>		Form or record	Initials	Date	Form or record	Initials	Date	Form OGD121	CP	10-5-81	Map and book	WEB	1/26/82	Form ODG148	CP	10-5-81	Notice to be cancelled			New well cards	CP	10-5-81	Bond status			Well records	CP	10-5-81	EDP files			Electric logs	CP	10-6-81	Update Center			Production reports			Conservation Committee						Dept. of Oil Properties						L. A. County Assessor	
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STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Long Beach, California

July 23, 1979

Mr. Morris S. Frankel, Agent
Argo Petroleum Corp.
10880 Wilshire Blvd., Suite 1003
Los Angeles, CA 90024

DEAR SIR:

Your request dated May 30, 1979, signed by E. Lyons, relative to change in designation of well(s) in Sec. 19, 20, T. 4S, R. 13W, SB B. & M., Wilmington field, Los Angeles County, District No. 1, has been received;

and in accordance with Section 3203, Public Resources Code, reading in part as follows:

“ * * * The number or designation by which any well heretofore drilled has been known, and the number or designation specified for any well in a notice filed as required by Section 3203, shall not be changed without first obtaining a written consent of the Supervisor.”

the proposed change in designation is hereby authorized as follows:

<u>Sec.</u>	<u>Old Designation</u>	<u>API No.</u>	<u>New Designation</u>
19-4S-13W SBB&M	WAAP 3	037-21664	American Can 2
" "	WAAP 9	037-21768	American Can 3
" "	American Can 2	037-21445	Sanitation Unit 1
" "	WAAP 4	037-21669	Purex Unit 1
" "	WAAP 7	037-21753	Purex Unit 2
" "	WAAP 8	037-21754	Purex Unit 3
" "	WAAP 6	037-21671	Dasco Unit 1
20-4S-13W	WAAP 5	037-21729	Shell Unit 1
" "	WAAP 10	037-21769	Shell Unit 2 ✓

MBA:sc

cc: Update Center
EDP Update
Conservation Committee
Dept. of Oil Properties L.B.

M. G. MEFFERD

~~JOHN F. MATTHEWS, JR.~~

State Oil and Gas Supervisor

By M B Albright
M. B. Albright, Deputy Supervisor

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT OF CORRECTION OR CANCELLATION

Long Beach California

Mr. M. S. Frankel, Agent
ARGO PETROLEUM CORP.
10880 Wilshire Blvd.
Los Angeles, Ca. 90024

February 3, 1978

In accordance with our review of Map 128 we found

the following change pertaining to your well WAAP 10 (037-21769),
Wilmington field, _____ County,
Sec. 19, T. 4S, R. 13W, S.B. B. & M., is being made in our records:

☒ The corrected location is Sec. 20-4S-13W S.B.

☐ The corrected elevation is _____

☐ Report No. _____, dated _____

corrected as follows: _____

CORRECTIONS MADE AS FOLLOWS:		BY WHOM
FORM 114		
" 115		
" 121		
" 148	✓	ag, has been
CARDS		
PRODUCTION REPORTS		
WELL RECORDS (FOLDERS	✓	2B
FIELD MAPS (REPORTS	✓	2B
MAP BOOK	128 ✓	2B
	3/13/78	2B

☐ Your notice to _____ dated _____
(Drill, abandon, etc.)
and our report No. P _____, issued in answer thereto, are hereby cancelled
inasmuch as the work will not be done. If you have a drilling bond on file covering
this notice it will be returned. No request for such return is necessary.

☐ Other: _____

GWS:eb

cc:EDP
Update

Blanket Bond

M. G. MEFFERD
State Oil and Gas Supervisor

By

M. B. Albright
Deputy Supervisor

DIVISION OF OIL AND GAS
CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company ARGO PETROLEUM CORP Well No. WAAP 10
API No. 037-21769 Sec. 19, T. 4S, R. 13W, SB B.&M.
County LA Field WILMINGTON

<u>RECORDS RECEIVED</u>	<u>DATE</u>
Well Summary (Form OGI00)	<u>6-28-77</u>
History (Form OGI03)	<u>6-28-77</u>
Core Record (Form OGI01)	
Directional Survey	<u>6-28-77</u>
Sidewall Samples	
Other	
Date final records received	
Electric logs:	<u>6-28-77</u>
<u>D.I. L. logs 2' x 5" (616' - 4662')</u>	
<u>COMP. NEUTRON F.D. log (2950' - 4664')</u>	
<u>FORMATION FACTOR (2950' - 4664')</u>	
<u>BOREHOLE GEOMETRY log (4344' - 4454')</u>	

<u>STATUS</u>	<u>STATUS</u>
Producing - Oil <input checked="" type="checkbox"/>	Water Disposal <input type="checkbox"/>
Idle - Oil <input type="checkbox"/>	Water Flood <input type="checkbox"/>
Abandoned - Oil <input type="checkbox"/>	Steam Flood <input type="checkbox"/>
Drilling - Idle <input type="checkbox"/>	Fire Flood <input type="checkbox"/>
Abandoned - Dry Hole <input type="checkbox"/>	Air Injection <input type="checkbox"/>
Producing - Gas <input type="checkbox"/>	Gas Injection <input type="checkbox"/>
Idle - Gas <input type="checkbox"/>	CO2 Injection <input type="checkbox"/>
Abandoned - Gas <input type="checkbox"/>	LPG Injection <input type="checkbox"/>
Gas-Open to Oil Zone <input type="checkbox"/>	Observation <input type="checkbox"/>
Water Flood Source <input type="checkbox"/>	
DATE	<u>2-22-77</u>
RECOMPLETED	
REMARKS	

ENGINEER'S CHECK LIST

- Summary, History, & Core record (dupl.) ☒
- Electric Log ☒
- Operator's Name ☐
- Signature ☐
- Well Designation ☐
- Location ☐
- Elevation ☐
- Notices ☐
- "T" Reports ☐
- Casing Record ☐
- Plugs ☐
- Surface Inspection ☐
- Production ☐
- E Well on Prod. Dir. Sur. ☒

CLERICAL CHECK LIST

- Location change (F-OGD165) ☐
- Elevation change (F-OGD165) ☐
- Form OGD121 ☐
- Form OGI59 (Final Letter) ☐
- Form OGD150b (Release of Bond) ☐
- Duplicate logs to archives ☐
- Notice of Records due (F-OGD170) ☐

Sent to LB Blueprint 7-1-77

RECORDS NOT APPROVED
Reason: _____

RECORDS APPROVED VB
RELEASE BOND _____
Date Eligible _____
(Use date last needed records were received.)
MAP AND MAP BOOK 6-29-77 RKB
#128 SW Sepulveda & Panama

CHECK LIST RECORDS RECEIVED AND WELL STATUS

Well No. _____

API No. _____ Sec. _____, T. _____, R. _____, B.&M. _____

WORK PERFORMED

STATUS

DATE

Drill _____ Redrill _____ Deepen _____

Producing _____

Plug _____ Alter Casing _____

Recompleted Producing _____

Water Flood _____ Water Disposal _____

Water Flood _____

Abandon _____

Water Disposal _____

Other _____

Abandoned _____

Other _____

MAP AND BOOK _____ Engineer _____

RECORDS FILED AND DATE Clerk _____

RECORDS & REQUIREMENTS CHECKED Engineer _____

Summary _____

Log and Core _____

History _____

E-log _____

Directional Survey _____

Other _____

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location _____ Notice states _____

Surface Inspection _____

Data Needed _____

Request Records _____ OGD170 _____

Correct records _____ OGD165 _____

(Specify)

CARDS _____

BOND _____

Hold _____ Reason _____

Release _____ Date Eligible _____ OGD150 _____

End premium year _____

Release requested _____

Bond superseded _____

(Check One)

Well abandoned _____

Elevation _____ Notice states _____

Production Reports _____

Environmental Inspection _____ Engineer _____

FINAL LETTER _____ OGD159 _____

and

File cleared _____ OGD121 _____

(If production reports not received, make notation and inform Senior Stenographer when received.)

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

O.E.G.
Section-3606
Onshore

C.E.Q.A. INFORMATION			
EXEMPT <input checked="" type="checkbox"/> CLASS _____	NEG. DEC. <input type="checkbox"/> S.C.H. NO. _____	E.I.R. <input type="checkbox"/> S.C.H. NO. _____	DOCUMENT NOT REQUIRED BY LOCAL <input type="checkbox"/> JURISDICTION
See Reverse Side			

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
128	128	913-82	Blanket	913-82	913-82

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well 36, API No. 037-22769,
(Assigned by Division)
Sec. 20, T. 4S, R. 13W, S.B. B. & M., Wilmington Field, Los Angeles County.

Legal description of mineral-right lease, consisting of _____ acres, is as follows: _____
(Attach map or plat to scale)
Map previously submitted

Do mineral and surface leases coincide? Yes _____ No X. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 187 feet North along section/property line and 992 feet East
(Direction) (Cross out one) (Direction)

at right angles to said line from the Southwest corner of section/property which is thr north east corner of Main Street and the AT&SF right-of-way
(Cross out one)

Is this a critical well according to the definition on the reverse side of this form? Yes ☒ No ☐

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth:
261 feet North and 1733 feet East
(Direction) (Direction)

Elevation of ground above sea level 36 feet.

All depth measurements taken from top of Kelly Bushing that is 12 feet above ground.
(Derrick Floor, Rotary Table, or Kelly Bushing)

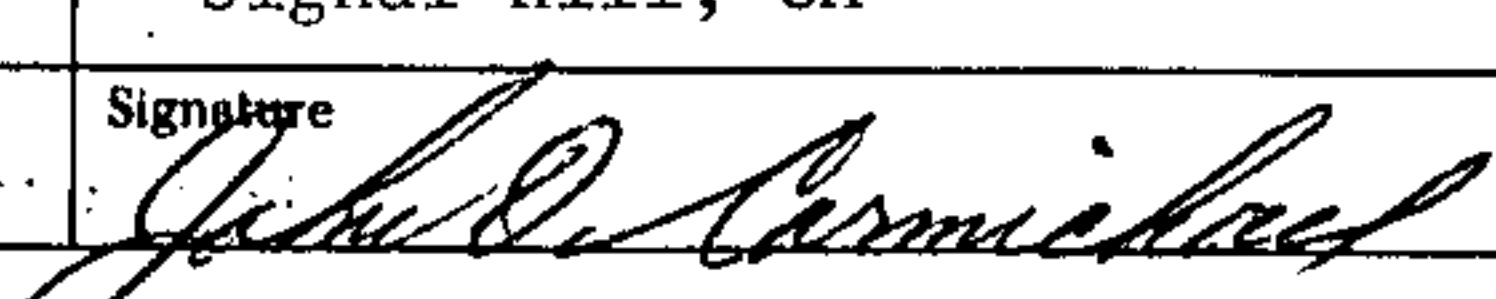
PROPOSED CASING PROGRAM

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTH	CALCULATED FILL BEHIND CASING (Linear Feet)
10-3/4"	40.5	J-55	Surf	600	600	600
7"	23	K-55	Surf	4140	2150	1990
5"	18	N-80	4070	4290	Gravel packed, wire wrapped screen w/0.012" slots.	

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) of completion Ranger - 3525', 1200 psi Estimated total depth 4290
(Name, depth, and expected pressure)

It is understood that if changes in this plan become necessary we are to notify you immediately.

Name of Operator <u>XTRA ENERGY CORPORATION</u>		Type of Organization (Corporation, Partnership, Individual, etc.) <u>CORPORATION</u>	
Address <u>717 Walton Street</u>		City <u>Signal Hill, CA</u>	Zip Code <u>90806</u>
Telephone Number <u>(213) 424-8549</u>	Name of Person Filing Notice <u>John D. Carmichael</u>	Signature 	Date <u>8-31-82</u>

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice or supply the following information:

SEP 7 2 39 PM '82

Lead Agency: CITY OF CARSON

Lead Agency Contact Person: JOEL MILLER

Address: P. O. Box 6234

CARSON, CA 90749

Phone: (213) 830-7600

FOR DIVISION USE ONLY	
District review of environmental document (if applicable)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Remarks:	

CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720(a), "Critical well" means a well within:

- (1) 300 feet of the following:
 - (A) Any building intended for human occupancy that is not necessary to the operation of the well; or
 - (B) Any airport runway.
- (2) 100 feet of the following:
 - (A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
 - (B) Any navigable body of water or watercourse perennially covered by water;
 - (C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
 - (D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL No. 36

Reference Point: KB which is 12' above G. E.
Surface Location: Lambert Coordinates N-4,041,504 E-4,205,567
Bottom Hole Location: Lambert Coordinates N-4,041,765 E-4,207,300
Elevation: 36' GE + 12' KB = 48'

Proposed Casing Program:

10-3/4" 40.5 # to be cemented at 600'
7 " 23 # to be cemented at 4140'
5 " 18 # to be hung at 4290', top @ 4070'.

Perfs: 4150' to 4285' Wire wrapped pipeless Johnson Screen liner with
0.012" slots.

Proposed Hole Size:

Surf' to 600' 14-3/4" hole
600' to 4140' 9-7/8" hole
4140' to 4290' 6-1/4" hole to be underreamed to 12".

Proposed Total Depth: 4290'

Directional Program

Deflect hole at 650' and increase inclination at 3°/100' in a N 81° 26' E direction to 45° at 2150' (T.V.D. - 2000'). Maintain 45° inclination to a depth of 2700'. Drop angle at 1.5°/100' to a total depth of 4290'. Target is a 50' diameter circle with its center 261' North and 1733' East of the surface site. A total displacement of 1752'.

Mud Program

1. For drilling from surface to 600', use a safe fresh water clay base mud.
2. For drilling from 600' to 4290', use a fresh water clay base mud with the following properties.
 - a. Weight 72 #/CF
 - b. Fluid loss 5cc
 - c. P.V. 8 - 14 cps
 - d. YP 4 - 6#/100 sq. ft.
 - e. Funnel vis 38 - 42"
 - f. Solids 14%

RECEIVED
SEP 7 2 39 PM '82
ADD GAS
DIV. C
LONG BEACH, CA.

Page two

3. For underreaming 6-1/4" hole to 12", use a polymer mud with the following properties.

a.	Weight	72#/CF
b.	P.V.	12 - 18 cps
c.	YP	4 - 6 #/100 sq. ft.
d.	Funnel vis	34 - 38"
e.	Solids	Minimum
f.	KCl (KCl)	4%

BOP Requirements

1. Bag type - Hydraulic 10" - 3000. 3000 psi WOG.
2. Ram type - double, hydraulic, 10" - 3000, 3000 psi WOG.
3. Accumulator - 80 gallon with dual controls.

Program

1. Install 16" conductor pipe to \pm 40'.
2. Move in and rig up rotary equipment.
3. Drill 14-3/4" hole to 600'.
4. Run 10-3/4", 40.5#, J-55 casing to 600'. Casing to be fitted with Baker stab-in shoe and centralizers on 1st, 2nd and 3rd joints. Cement 10-3/4" casing with 300 sacks of API class "G" cement mixed 1:1 with peralites and 4% Gel followed by enough neat "G" cement to get cement returns. All cement to be mixed with 2% CaCl_2 .
5. Install wellhead and BOP. Representative of D.O.G. to witness pressure test of B.O.P.
6. Run 9-7/8" bit and clean out to 600'. Drill 9-7/8" hole to 4140'. Reduce hole size to 6-1/4" and drill to 4290'.
7. Run Induction electric log from total depth to the shoe of the 10-3/4" casing. Use 20 ohm scale. Two field prints are required including one with 5" scale.
8. Run 7", 23#, K-55 casing to 4140'. Casing to be fitted with Baker Basket Shoe and fill up collar 2 joints above shoe. Centralizers to be installed on 1st, 2nd, 4th and 6th joints above shoe. Cement 7" casing as follows: 300 linear feet (80 CF) of "mud sweep" or equivalent followed by 250 sacks of class G cement mixed 1:1:4 (cement:perlite:gel) mixed with 2% CaCl_2 , followed by 85 sacks of G cement, neat. Cement to reach 2000' TVD. Land Casing.

RECEIVED
SEP 7 2 39 PM '82
DIV. OF GAS
LONDON, ONT. CA.

Page three

9. After 24 hours, clean out cement to 4130' (+ 10' above shoe). Run combination jet perforator and casing tester. Shoot 4 holes as directed and test water shut off. Results of WSO test to be witnessed by representative of California Division of Oil and Gas.
10. Run 6-1/4" bit, drill out shoe at 4140' and clean out to 4290'.
11. Change over to Polymer completion fluid.
12. Underream 6-1/4" hole to 12" from the 7" casing shoe to total depth. Run Caliper log.
13. Make up and run 5", 18#, K-55 liner as directed.
14. Gravel pack 5" x 12" annulus with + 70 CF of 20 - 40 mesh gravel.
15. Displace Polymer mud in hole with salt water and close in.
16. Move out rotary equipment.

No.36
JDC:sc
8-30-82

RECEIVED
SEP 7 2 39 PM '82
DIV. 5
LONG BEACH, CA.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR ARGO PETROLEUM CORPORATION FIELD Wilmington

Well No. W.A.A.P. #10, Sec. 30 19, T. 4S, R. 13W, S.B. B. & M.

Date June 10, 19 77

Signed C. Bowen

940 East Santa Clara

Ventura, CA. 93001 (805) 648-2514

Title Exec. Vice-President

(Address)

(Telephone Number)

(President, Secretary or Agent)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

1977

1-20

MIRU Camrich Drilling Rig #3.

1-21

Spudded in at 8:00AM. Drilled 11" hole from 47'-100'. POH w/DA. RIH w/DD. DD to 650'. POH w/DD.

1-22

RIH w/bull nose HO. Opened 11" hole to 17½" from 47'-617'. Cond mud. Ran 16 jts, 13 3/8", 48#, K-55, Buttress Sumitomo csg w/shoe at 611', baffle at 571', cmt at 601', 571', 531', & 491'. BJ Cmtrs pumped 100 cu. ft. water ahead and followed w/590 cu. ft. class "G" cmt pre-mixed 1:1 POZ + 4% Gel + 3% CaCl2, and 100 cu. ft. class "G" neat cmt + 3% CaCl2. Disp w/526 cu. ft. mud. Cmt returns to surface. Bumped plug w/500 psi. CIP at 1:45PM.

1-23

Landed csg. Installed BOPE. Tested at 1100 psi. OK. RIH w/DA. CO cmt at 571' and shoe at 611'. Drilled 11" hole to 800'. POH w/DA. RIH w/DD. DD to 1142'.

1-24

DD to 1202'. POH w/DD. RIH w/DA. Reamed from 800'-1202'. Drilled to 1885'.

1-25

Drilled to 2068'. POH w/DA. RIH w/DD. DD to 2355'. POH w/DD. RIH w/DA. Reamed from 2068'-2355'. Drilled to 2639'.

1-26

Drilled to 2999'.

1-27

Drilled to 3499'.

1-28

Drilled to 3829'. Made round trip, stuck pipe at 3077'. Worked pipe.

1-29

Spotted 50 bbls. lse crude and worked pipe. Freed pipe and POH. RIH w/Bowen jars + Rucker-Schaefer BS. Reamed tight hole 3013'-3829'. Drilled to 4024'.

1-30

Drilled to 4341'. POH w/11" bit.

RECEIVED
JUN 28 1 27 AM '77
DIV. OF OIL AND GAS
LONG BEACH, CA.

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR ARGO PETROLEUM CORPORATION FIELD Wilmington

Well No. W.A.A.P. #10, Sec. ²⁰19, T. 4S, R. 13W, S. B. B. & M.

Date June 10, 19 77

Signed

940 East Santa Clara

Ventura, CA. 93001 (805) 648-2514

Title Exec. Vice-President

(Address)

(Telephone Number)

(President, Secretary or Agent)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

1977

1-31

RIH w/7 7/8" bit. Drilled to 4669'. POH. Schlumberger ran DIL 4662'-616'. Moved out loggers.

2-1

RIH w/11" bit. Lowered 7 7/8" shoulder from 4341'-4348'. Cond mud. Ran 110 jts + one pup jt, 8 5/8", 32#, K-55 Buttress and LTC Pipe Sales csg. B&W guide shoe at 4346', float collar at 4303'. Welded shoe, float collar, and bottom 3 jts. Installed 26 B&W latch-on centralizers. Dowell pumped 100 cu. ft. water ahead, followed w/700 cu. ft. class "G" cmt pre-mixed 1:1 POZ + 4% Gel + 2% CaCl₂ and 115 cu. ft. class "G" neat cmt + 2% CaCl₂. Disp w/1477 cu. ft. mud. Bumped plug w/1800 psi. CIP at 1:50PM. Tore out BOP. Landed 8 5/8" csg.

2-2

Flanged up BOP. RIH w/7 7/8" bit + 8 5/8" csg scraper. CO cmt 4295'-4330'. POH. Ran Johnston Shoot & Test. Shot 4- 1/2" holes at 4315'. Set pkr at 4273', tail at 4295'. Opened tool at 8:10PM for one hr test. Had light blow 4 min, then dead. POH. Rec 30' net rise of drilling fluid. Witnessed and approved by DOG.

2-3

RIH w/7 7/8" bit. CO cmt and shoe from 4330'-4346'. CO to bottom at 4669'. POH. Rigged up Schlumberger. Ran FDC log 4664'-2950'. RIH w/OE pipe to 4668'. Dowell pumped 22 cu. ft. water ahead, and followed w/81 cu. ft. class "G" cmt + 2% CaCl₂, disp w/348 cu. ft. mud. CIP @ 3:45PM. POH. RIH w/7 7/8" bit. CO firm cmt 4425'-4450'. POH.

2-4

RIH w/OMT 7 7/8" x 15" HO. Opened hole to 15" from 4346' to 4450'. POH. Ran Schlumberger Caliper log 4346'-4450'. RIH to bottom, no fill, POH.

2-5

Ran 6 jts, 6 5/8", 24#, K-55 LT&C and SFJ Sumitomo liner. Detail as follows:

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION

DIVISION OF OIL AND GAS

History of Oil or Gas Well

OPERATOR ARGO PETROLEUM CORPORATION FIELD WilmingtonWell No. W.A.A.P. #10, Sec. 19, T. 4S, R. 13W, S.B. B. & M.Date June 10, 19 77Signed C. Bowler

940 East Santa Clara

Ventura, CA. 93001 (805) 648-2514

Title Exec. Vice-President

(Address)

(Telephone Number)

(President, Secretary or Agent)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date

19772-5
cont

4450'-4445'	Blank
4445'-4346'	2"x40M, 6"C, 24R, slots
4346'-4336'	Blank
4336'-4253'	2"x40M, 6"C, 4R, slots
4253'-4248'	Blank
4248'-4246'	Port collar
4246'-4244'	Blank

B&W centralizers at 4438', 4406', & 4365'. B & W gravel packed w/126 cu. ft. 10x16 gravel. Backed off from liner and changed over to 1se water.

2-6

RIH and set brass seal adaptor at 4243' (top of liner). POH. Laid down DP. RIH and landed 317' of 2 7/8" tbg. Tore out BOPE. Released rig at 1:00 PM.

DIVISION OF OIL AND GAS
 DEPARTMENT OF CONSERVATION
 REPRODUCED AGENCY OF CALIFORNIA
 SUBMIT IN DUPLICATE

History of Oil or Gas Well

Location _____
 Date _____
 Signed _____
 Title _____
 (Type name of company)

This report must be prepared by the operator of the well and must contain a full and complete history of the well from the time it was first drilled to the present. It should include a description of the well, the location of the well, the depth of the well, the type of formation penetrated, the type of fluid produced, the date of completion, the date of first production, the date of last production, the date of abandonment, and the date of re-completion. It should also include a description of the wellhead, the type of pump used, the type of separator used, the type of storage tank used, and the type of transportation used. The report should be submitted to the Division of Oil and Gas, Department of Conservation, within 30 days of the date of completion of the well.

The following information should be included in the report:
 1. Name of the well
 2. Location of the well
 3. Depth of the well
 4. Type of formation penetrated
 5. Type of fluid produced
 6. Date of completion
 7. Date of first production
 8. Date of last production
 9. Date of abandonment
 10. Date of re-completion
 11. Description of the wellhead
 12. Type of pump used
 13. Type of separator used
 14. Type of storage tank used
 15. Type of transportation used

RECEIVED
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 LONG BEACH, CA.

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

Report on Operations

SEC. 3606 WELL

No. T. 177-140

Mr. Dr. M. S. Frankel, Agent
ARGO PETROLEUM CORP.
10880 Wilshire Blvd, Suite 1003
Los Angeles, CA 90024

Long Beach, Calif.
March 3, 1977

DEAR SIR:

Operations at well No. WAAP 10, API No. 037-21769, Sec. 19²⁰, T. 4S, R. 13W,
S.B., B & M. Wilmington Field, in Los Angeles County, were witnessed
on 2/2/77. Mr. R. K. Baker, Engineer, representative of the supervisor was
present from 0000 to 0200. There were also present D. Herr, Drilling Foreman.

Present condition of well: 22" cem. 47'; 13-3/8" cem. 611'; 8-5/8" cem. 4346', perf. 4315',
WSO. T.D. 4348' (standing cemented).

The operations were performed for the purpose of testing the water shut-off with a formation
tester.

DECISION: **THE 8-5/8" SHUT-OFF AT 4315' IS APPROVED.**

RKB:d

M. G. MEPPERD, Acting Chief

XJOJXKXGONXCHDTRKXGKXKX
XKXKXGKXKXKXKXKXKXKX

By M. B. Albright Deputy

RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS No. P 177-14

SEC. 3606 WELL

Dr. M. S. Frankel, Agent
ARGO PETROLEUM CORP.
10880 Wilshire Blvd., Suite 1003
Los Angeles, CA 90024

Long Beach, Calif.
Jan. 6, 1977

WNF-I 40

DEAR SIR:

Your 4 proposal to drill Well No. WAAP 10 (037-21769),
Section 19, T. 4S, R. 13W, S.B.B. & M., Wilmington Field, Los Angeles County,
dated 12/28/76, received 12/29/76, has been examined in conjunction with records filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. A COPY OF THIS APPROVAL SHALL BE POSTED AT THE WELL SITE PRIOR TO COMMENCING OPERATIONS.
2. Drilling fluid of a quality and in sufficient quantity to control all subsurface conditions in order to prevent blowouts shall be used.
3. Blowout prevention equipment, conforming to this Division's Class III requirements, shall be installed and maintained in operating condition at all times.
4. Sufficient cement shall be used to fill back of the 8-5/8" casing.
5. The provisions of Sec. 3606 relating to derricks and subsurface spacing shall be followed.
6. A directional survey shall be made and filed with this Division.
7. THIS DIVISION SHALL BE NOTIFIED TO WITNESS:
 - a. A test of the installed blowout prevention equipment before drilling below 600'.
 - b. A test of the effectiveness of the 8-5/8" shut-off.

VFG:d

Blanket Bond

cc EDP

M. G. MEFFERD, Acting Chief
~~XX~~

By M. B. Albright, Deputy

D
Sec 3606

DIVISION OF OIL AND GAS
Notice of Intention to Drill New Well

037-21769

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121
128	12/20/76 1100	✓	B	✓	✓

DIVISION OF OIL AND GAS

WAAP 10

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well No. WAAP #10, API No. 037-21769,
(Assigned by Division)
Sec. 19-20, T. 4S, R. 13 W SB B. & M., WILMINGTON Field, LOS ANGELES County.

Legal description of mineral-right lease, consisting of _____ acres, is as follows: _____
(Attach map or plat to scale)

PREVIOUSLY SUBMITTED

Do mineral and surface leases coincide? Yes _____ No XX If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale. PREVIOUSLY SUBMITTED

Location of well 984.44 feet Easterly along property line and 218 feet Northerly
(Direction) (Direction)
at right angles to said line from the Southwest corner of property which is XX
Northeast Corner of Main St. & AT & SF., RR, Right of Way

If well is to be directionally drilled, show proposed coordinates at total depth 1400' S & 2200' E of Surface
Elevation of ground above sea level 40 feet.

All depth measurements taken from top of KELLY BUSHING which is 10 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING
13 3/8	48	H-40	0	600	600	Surface
8 5/8	32	K-55	0	4370	4370	2800'
6 5/8	24	K-55	4285	4820	Hung & Gravel Packed	

(A complete drilling program is preferred and may be submitted in lieu of the above program)

Intended zone(s) of completion Ranger, 4370', 1000 psi Estimated total depth 4820
(Name, depth and expected pressure)

It is understood that if changes in this plan become necessary we are to notify you immediately.

Address 10880 Wilshire Blvd., #1003
(Street)
Los Angeles, California 90024
(City) (State) (Zip)

Telephone Number 213/475 4976

Argo Petroleum Corporation
(Name of Operator)
By Cecil O. Eakenberg 12/28/76
(Name) (Date)

Type of Organization Corporation
(Corporation, Partnership, Individual, etc.)

DIV. OF OIL AND GAS
LONG BEACH, CA.

DEC 29 4 59 PM '76

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